

North Fork Cache Creek Groundwater Basin

- Groundwater Basin Number: 5-93
- County: Lake
- Surface Area: 3,470 acres (5 square miles)

Basin Boundary and Hydrology

The North Fork Cache Creek Groundwater Basin is a north-south trending basin located in north Lake County consisting of Quaternary alluvium and stream terrace deposits. The basin is bounded by Mesozoic ultrabasic intrusive rocks in the north. Other sides of the basin are bounded by Franciscan Formation metasediments and Franciscan volcanic and metavolcanic rocks (Jennings 1960). The valley is drained to the south by North Fork Cache Creek. Annual precipitation ranges from 23- to 25-inches, increasing to the south.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Budget

Groundwater Quality

Well Characteristics

Well yields (gal/min)	
Municipal/Irrigation	NKD
Total depths (ft)	
Domestic	NKD
Municipal/Irrigation	

NKD – No known data.

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD

Basin Management

Groundwater management:	Lake County adopted a groundwater management ordinance in 1999.
Water agencies	
Public	None
Private	None

Selected Reference

Jennings CW, Strand RG. 1960. Geologic Map of California [Ukiah Sheet]. California Division of Mines and Geology.

Bibliography

- Bailey EH. 1966. Geology of Northern California. California Division of Mines and Geology. Bulletin 190.
- California Department of Water Resources. 1975. California's Ground Water. California Department of Water Resources. Bulletin 118.
- California Department of Water Resources. 1980. Ground Water Basins in California. California Department of Water Resources. Bulletin 118-80.
- Dickinson WR, Ingersoll RV, Graham SA. 1979. Paleogene Sediment Dispersal and Paleotectonics in Northern California. Geological Society of America Bulletin 90:1458-1528.
- McLaughlin RJ, Ohlin HN, Blome CD. 1983. Tectonostratigraphic Framework of the Franciscan Assemblage and Lower Part of the Great Valley Sequence in the Geysers-Clear Lake Region, California. American Geophysical Union, Eos, Transactions.
- Planert M, Williams JS. 1995. Ground Water Atlas of the United States, Segment 1, California, Nevada. USGS. HA-730-B.

Errata

Changes made to the basin description will be noted here.